

@ the Bradbury

Special Events & News

Save the Date!

AUG
8

Scientists in the Spotlight 5:00 PM to 7:00 PM

Visit the Explodatorium to learn how we use high-speed photography and radiography to understand explosives.

AUG
7-9

Los Alamos County Fair & Rodeo Weekend

AUG
20

Science On Tap: Matter vs. Antimatter with Vincenzo Cirigliano 5:30 PM to 7:00 PM

@ UnQuarked Wine Room
145 Central Park Square
Los Alamos, New Mexico

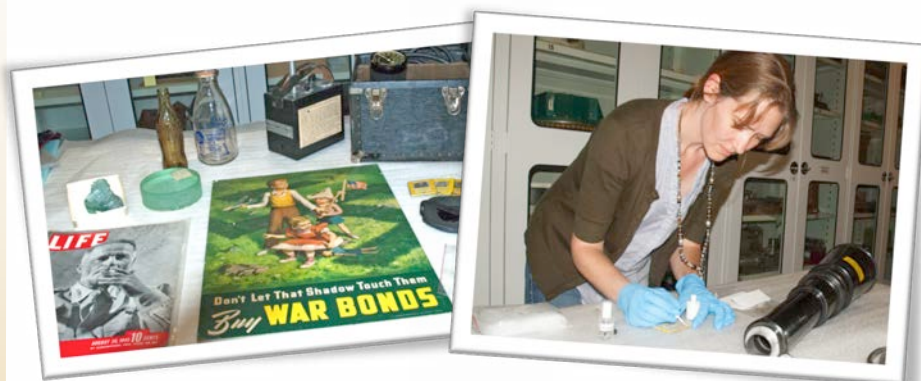
AUG
28

Fourth Friday Downtown: Robotics Night 5:00 PM to 7:00 PM

An evening celebrating all things robotic. Don't miss it!

- HazMat Robots
- Bomb Squad Robots
- UNM-LA Robotics Club
- Sumo Bot Battles
- FIRST Robotics League
- LEGO League Teams

Museum Focusing on Collections Management



Planning funds designated to enable Los Alamos National Laboratory's participation in the Manhattan Project National Historical Park are assisting with artifact management at the Bradbury Science Museum. These funds are being used to help the museum focus on cataloging, conserving, and preserving hundreds of historic Manhattan Project-era items, an effort that has previously been difficult to tackle. Wendy Strohmeyer, an experienced collections specialist, has joined the team to ensure these artifacts and others in the Museum's collection are ready for use. We will be highlighting items Wendy is working on in a new segment in the newsletter, titled, "From the Collections Vault." Watch for details about her latest discoveries in September's newsletter and be sure to join us in welcoming her to the museum!





On Saturday, August 8 Barry Warthen, a Los Alamos National Laboratory researcher, was on the museum floor with his travelling “Explodatorium” talking to people about how we can use flash photography and flash radiography to learn more about explosives. Barry’s demonstration was such a hit that we will definitely be scheduling him to come back again. Be sure to follow our calendar of events to catch his next visit to the museum.

Join us every second Saturday of the month for *Scientist in the Spotlight*, a program

featuring scientists that have been certified for public outreach through the museum’s Scientist Ambassador Academy. These scientists talk with museum visitors for a couple of hours about their favorite science, technology, engineering, or math (STEM) subject. Conversations are intended for all ages and include interactive hands-on activities that make learning easy and fun. To learn more, visit: <http://www.lanl.gov/museum/participate/scientist-ambassadors.php>



SCIENCE ON TAP

AUG. 20 5:30 – 7:00pm

15 minute talk and group discussion hosted by
Bradbury Science Museum

creative
LOS ALAMOS

Matter over Antimatter: From Dirac to Sakharov and Beyond

Every fundamental particle in nature has a corresponding antiparticle, as first predicted by Paul Dirac in 1928. When particle and antiparticle meet, they annihilate into a burst of radiation. In the aftermath of the Big Bang, particles and antiparticles were produced in equal numbers. As the primordial soup cooled, they should have wiped each other out leaving behind an empty universe. Fortunately, that’s not what happened. An excess of ordinary matter survived over the antimatter from which everything in the universe was formed. In 1967 Sakharov identified three key ingredients needed to obtain the lopsided universe we live in. Today, physicists worldwide search for these ingredients in the properties of elementary particles and nuclei, already probing a number of mechanisms for the generation of the cosmic matter excess. There are exciting prospects for significant progress in the next decade.

Join us at this month’s *Science on Tap* as Vincenzo Cirigliano, a Los Alamos National Laboratory researcher, discusses “Matter over Antimatter.” The talk will begin **Thursday, August 20, at 5:30 PM at UnQuarked Wine Room** in downtown Los Alamos, NM. *Science on Tap* happens every third Thursday of the month and begins with an informal 15-minute talk followed by a lively group discussion.

FOURTH FRIDAYS

Downtown Los Alamos

Fusion of Art & Science: Los Alamos Creative District • creativelosalamos.com



August 28th is Robotics Night at the Bradbury! 5:00 PM to 7:00 PM

This evening features the return of one of our most popular events. The fun includes robots of all different sizes, shapes and uses from LEGObots and SumoBots to Bomb Squad and hazardous material robots. Don't miss it!

- Los Alamos National Laboratory HazMat Team
- Los Alamos Police Department Bomb Squad
- UNM-LA Robotics Club
- Sumo Bot Battles
- FIRST Robotics League
- FTC & LEGO League Teams

This event is part of the [Los Alamos Creative District](http://creativelosalamos.com)'s Fourth Fridays initiative. Fourth Fridays is an effort for local businesses to offer extended hours, special programming or discounts one Friday per month. The initiative is meant to encourage people to visit and enjoy the downtown area.

Fourth Fridays will continue throughout the end of the year. Stay tuned for future programming details.

To subscribe to our monthly newsletter, visit the museum's website at:
<http://www.lanl.gov/museum/events/events-mailing.php>

Subscribe
to our
Newsletter

Scenes from Los Alamos ScienceFest

Held July 16-18, 2015 in downtown Los Alamos, NM

Los Alamos ScienceFest was a 3-day festival of interactive demonstrations, hands-on activities and dynamic speakers meant to engage kids, families, and individuals interested in life-long learning of science, technology, engineering and math. The Bradbury Science Museum hosted several events during the festival including a special Science On Tap on computational mathematics, an iPhone app building workshop, a Climate Prisms exhibit open house at the museum, the Drone Zone at Ashley Pond, and Science & Suds featuring discussions with scientists in the event's beer garden.



All images courtesy of Los Alamos National Laboratory, except Science on Tap photos courtesy of Bonnie Gordon at Los Alamos Daily Post.

Mark Your Calendars!

August 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7 Los Alamos Fair & Rodeo Weekend Aug. 7-9 A	8 Scientists in the Spotlight 11 AM to 1 PM -- Los Alamos Fair & Rodeo Weekend Aug. 7-9
9 Los Alamos Fair & Rodeo Weekend Aug. 7-9	10	11	12	13	14 B	15
16	17	18	19	20 Science on Tap @ UnQuarked Wine Room 5:30 to 7:00 PM A	21	22
23	24	25	26	27	28 Fourth Fridays Downtown Robotics Night 5 PM to 7 PM B	29

About the Museum

Bradbury Science Museum is located at 1350 Central Avenue in downtown Los Alamos, New Mexico. Approximately 40 interactive exhibits trace the history of the WWII Manhattan Project, highlight Los Alamos National Laboratory's current and historic research projects related to defense and technology, and focus on Laboratory research related to energy, environment, infrastructure, health and global security concerns.



MUSEUM HOURS:

Sunday & Monday: 1:00 PM to 5:00 PM, Tuesday – Saturday: 10:00 AM to 5:00 PM